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12/13/85

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Seiichi Takeuchi et al.  
Serial No.: To be assigned  
Filed: Herewith  
FOR: DIGITAL TRANSMITTER-  
RECEIVER

: Art Unit:  
: Examiner:  
:  
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## PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

SIR :

Prior to formal examination of the above-identified application, please  
amend the application as follows:

IN THE CLAIMS:

Please replace claim 8 with the following amended claim:

8. (As Amended) The digital transmitter-receiver according to claim 1,  
wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an  
audio elementary stream from the MPEG transport stream, reduces data rate of the  
video elementary stream by at least one of thinning of a picture from the video  
elementary stream and thinning of a high frequency component of a discrete-  
cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream  
by multiplexing the video elementary stream after the rate reduction and the audio  
elementary stream .

9. (Newly Added) The digital transmitter-receiver according to claim  
2,

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A1

A2